

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

XRPY8-190908-C-1410

Responsible Party

| | |
|---|---------------------------------|
| Responsible Party: WPX Energy Permian, LLC | OGRID: 246289 |
| Contact Name: Deborah Watson | Contact Telephone: 575-885-7561 |
| Contact email: deborah.watson@wpxenergy.com | Incident # 2RP-5506 |
| Contact mailing address: 5315 Buena Vista Drive, Carlsbad, NM 88220 | |

Location of Release Source

Latitude 32.02092 Longitude -103.97464
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|--|-----------------------------------|
| Site Name: East Pecos Federal 22 #009H | Site Type: Well Pad |
| Date of Release: June 10, 2019 @ 8:00 AM | API# (if applicable) 30-015-43349 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| M | 22 | 26S | 29E | Eddy |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Ross Ranch)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|--|--|---|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 270 | Volume Recovered (bbls) 270 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release

Swedge on transfer pump failed releasing produced water into lined secondary containment where it mixed with rainwater from storm event. All fluids were contained within lined secondary containment except a light mist which impacted vegetation located off pad.

| | |
|----------------|--|
| Incident ID | |
| District RP | |
| Facility ID | |
| Application ID | |

Closure**XRPY8-190908-C-1410**

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection) Liner Inspection
- ☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling) N/A
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Deborah Watson

Title: HSE Specialist

Signature:



Date: September 8, 2019

email: deborah.watson@wpenergy.com

Telephone: 575-885-7561

OCD Only

Received by: _____

Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____



September 7, 2019

Deborah Watson
Environmental Specialist - Permian Basin
5315 Buena Vista Dr.
Carlsbad, NM 88220

XRPY8-190908-C-1410

Closure Report
East Pecos Federal 22 #009H
2RP-5506
API #: 30-015-43349
Eddy County, New Mexico

Mrs. Watson:

This report presents the findings of the liner inspection conducted by HRL Compliance Solutions at the East Pecos Federal 22 #009H Production Facility on August 21, 2019. The objective of the liner inspection was to demonstrate the liner integrity and verify that it remained intact and had the ability to contain the produced water release that occurred within the tank battery secondary containment on June 10, 2019. This report is also intended to serve as a final closure report to obtain approval from New Mexico Oil Conservation Division (NM OCD) for closure of the release.

Table 1: Release Summary

| Site Name | East Pecos Federal 22 #009H | | |
|---------------------------|--|-------------|--|
| Location | Lat. | Long. | Unit Letter, Section, Township, Range |
| | 32.02092° | -103.97464° | Unit Letter M, Section 22, Township 26S, Range 29E |
| District RP | 2RP-5506 | | |
| Estimated Date of Release | 6/10/2019 | | |
| Date Reported | 6/12/2019 | | |
| Reported By | Deborah Watson | | |
| Reported To | NMOCD | | |
| Surface Owner | Private: Ross Ranch | | |
| Cause of Release | Swedge on transfer pump failed releasing produced water into lined secondary containment | | |
| Released Material | Produced Water | | |
| Volume Release | 270 bbls | | |
| Volume Recovered | 270 bbls | | |
| Net Release | 0 bbls | | |



1.0 Initial Response & Notification

A 270 bbl produced water release occurred on June 10, 2019 at the East Pecos Federal 22 #009H well site, as a result of swedge failure on a transfer pump. Mike Bratcher of NMOCD was notified of the release by Deborah Watson on June 12, 2019 via phone call. All released fluids were contained within the lined secondary containment. A vacuum truck removed all standing liquids from within the secondary containment.

2.0 Liner Inspection and Verification

Following NMOCD notification attached as Appendix B, the liner was visually inspected for cracks, tears, cuts, and other signs of damage to verify that the liner remained intact and had the ability to contain the release, as required by Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC. HRL Compliance Solutions conducted the liner inspection on August 21, 2019 at approximately 10:00 A.M.

The steel framed secondary containment at the East Pecos Federal 22 #009H Production Facility consists of a polyurea spray-in-liner. The liner that was investigated appeared to be in good condition and fully intact with no tears, cracks, or signs of damage. No structural deficiencies were identified throughout the containment foundation. Visual staining was not present on the well pad surface surrounding the secondary containment. Therefore the integrity of the containment was not compromised as a result of the release that occurred on June 10, 2019. All liner certification requirements outlined in Subsection A of 19.15.29.12 NMAC have been met. Photos of the liner and secondary containment are included in Appendix C.

Soil samples were not collected at the East Pecos Federal 22 #009H following vacuum removal of the free-standing liquids because the spill was contained entirely within the lined secondary containment where there is no soil.

3.0 Summary

A release of 270 bbls of produced water was discovered on June 10, 2019 at the East Pecos Federal 22 #009H production facility. The cause of the release was due to swedge failure on a transfer pump located within the secondary containment. The release was contained entirely within the secondary containment and all free-standing were removed by a vacuum truck.

On August 21, 2019 HRL Compliance Solutions conducted a liner inspection to verify that no tears, cracks, or signs of damage were present in the liner. The liner was found to be fully intact and in good condition showing no visible signs of damage or deterioration. The liner requirements outlined in Subsection A of 19.15.29.12 NMAC were fully met. Due to the criteria outlined above, HRL recommends that Incident 2RP-5506 be closed.



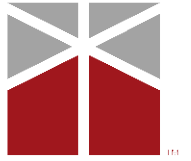
If there are any questions regarding this report, please contact Kevin Smith at 575-616-7398 Ext. 435.

Prepared by:
HRL Compliance Solutions, Inc.

Kevin Smith
Environmental Scientist – Permian

Attachments:

Appendix A: C-141 Release Notification
Appendix B: NMOCD Liner Inspection Notification
Appendix C: Liner Inspection Photos



Appendix A:

C-141 - Release Notification

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| | |
|----------------|---------------|
| Incident ID | NAB1917955124 |
| District RP | 2RP-5506 |
| Facility ID | |
| Application ID | pAB1917954679 |

Release Notification

Responsible Party

| | |
|---|--|
| Responsible Party: WPX Energy Permian, LLC | OGRID: 246289 |
| Contact Name: Deborah Watson | Contact Telephone: 575-885-7561 |
| Contact email: deborah.watson@wpxenergy.com | Incident # (assigned by OCD) NAB1917955124 |
| Contact mailing address: 5315 Buena Vista Drive, Carlsbad, NM 88220 | |

Location of Release Source

Latitude 32.02092 Longitude -103.97464
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|--|-----------------------------------|
| Site Name: East Pecos Federal 22 #009H | Site Type: Well Pad |
| Date of Release: June 10, 2019 @ 8:00 AM | API# (if applicable) 30-015-43349 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| M | 22 | 26S | 29E | Eddy |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: Ross Ranch)

Nature and Volume of Release

Material(s) Released (Select all that apply and attach calculations or specific justification for the volumes provided below)

| | | |
|--|--|---|
| <input type="checkbox"/> Crude Oil | Volume Released (bbls) | Volume Recovered (bbls) |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 270 | Volume Recovered (bbls) 270 |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units) | Volume/Weight Recovered (provide units) |

Cause of Release


Swedge on transfer pump failed releasing produced water into lined secondary containment where it mixed with rainwater from storm event. All fluids were contained within lined secondary containment except a light mist which impacted vegetation located off pad.

| | |
|----------------|---------------|
| Incident ID | NAB1917955124 |
| District RP | 2RP-5506 |
| Facility ID | |
| Application ID | pAB1917954679 |

| | |
|--|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? Volume of release. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Reported to Mike Bratcher (NMOCD) on Wednesday, June 12 at 7:05 AM via phone call. Follow-up email sent to Mike Bratcher and Jim Griswold. | |

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

| | |
|--|-------------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. | |
| If all the actions described above have <u>not</u> been undertaken, explain why: | |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation. | |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. | |
| Printed Name: Deborah Watson Title: Environmental Specialist | |
| Signature:  | Date: 06/21/2019 |
| email: deborah.watson@wpenergy.com | Telephone: 575-885-7561 |
| <u>OCD Only</u> | |
| Received by: <u>Amalia Bustamante</u> Date: <u>6/28/2019</u> | |



Appendix B: NMOCD Liner Inspection Notification

From: Kevin Smith
To: ["mike.bratcher@state.nm.us"](mailto:mike.bratcher@state.nm.us); ["Victoria.Venegas@state.nm.us"](mailto:Victoria.Venegas@state.nm.us); ["Robert.Hamlet@state.nm.us"](mailto:Robert.Hamlet@state.nm.us)
Cc: ["deborah.watson@wpenergy.com"](mailto:deborah.watson@wpenergy.com); Lori O'Brien
Subject: East Pecos Federal 22-9H Sampling Notification (2RP-5506, 2RP-5510, 2RP-5511)
Date: Monday, August 19, 2019 10:03:00 AM
Attachments: [image007.png](#)
[image008.png](#)
[image009.png](#)

Good Morning,

This email serves as notification of confirmation sampling and liner inspection at the East Pecos Federal 22-9H for the spills that occurred on June 9 and June 10 (2RP-5506, 2RP-5510, 2RP-5511). HRL Compliance Solutions will be on location Wednesday, August 21st, around 10 AM to begin collecting confirmation samples and to conduct a liner inspection.

If you have any questions, please contact me.

Thank you,

Kevin Smith | Environmental Scientist

HRL Compliance Solutions, Inc.

P.O. Box 1708 | Artesia, NM 88211-1708

main 575.616.7398 | mobile 936.689.0078

[Web](#) | [vCard](#) | [Map](#) | [f](#) | [in](#)



HRL
COMPLIANCE
SOLUTIONS

Confidentiality Note: This email and any attachments are confidential and only for the use as authorized by HRL Compliance Solutions, Inc. If you receive this message in error or are not the intended recipient, you should not retain, distribute, disclose or use any of this information. Permanently delete the e-mail and any attachments or copies.



Appendix C: Liner Inspection Photos



Containment: South of Tanks

August 21, 2019





Containment: South of Tanks

August 21, 2019





Containment: North of Tanks

August 21, 2019





Containment: Southwest Corner

August 21, 2019





Containment: Southeast Corner

August 21, 2019





Containment: East Wall

August 21, 2019





Outside Containment: North

August 21, 2019





Outside Containment: South

August 21, 2019





Outside Containment: East

August 21, 2019





Outside Containment: East

August 21, 2019

